

CLAIMS

1. An apparatus for implementing a hands-free function, the apparatus comprising a mobile station and a headset, the apparatus comprising:

means for transferring an audio signal of a call between the mobile
5 station and the headset for hands-free implementation of the call, wherein the
mobile station and the headset both comprise:

a short-range radio transceiver for wireless transfer of files between the mobile station and the headset, and that the headset comprises:

a memory means for storing the files.

10 2. An apparatus as claimed in claim 1, wherein the headset is ar-
ranged to:

receive a particular file from the mobile station with the short-range radio transceiver; and

store said file in the headset.

15 3. An apparatus as claimed in claim 1 or 2, wherein said files are
user files.

4. An apparatus as claimed in claim 1, wherein the headset comprises as a memory means one of the following: fixed memory, a memory card slot to which a memory card is detachably connectable.

20 5. An apparatus as claimed in claim 1, wherein the headset comprises a speaker and a microphone.

6. An apparatus as claimed in claim 1, wherein the headset comprises a user interface and that the mobile station is arranged to control the user interface of the headset over a short-range radio connection.

25 7. An apparatus as claimed in claim 1, wherein the headset comprises a multimedia player.

8. An apparatus as claimed in claim 7, wherein the headset comprises two earpieces and as a multimedia player an audio player, which is arranged to play music in the earpieces.

30 9. An apparatus as claimed in claim 8, wherein the audio player is arranged to play music by decoding a music file, which is stored in said memory means in the headset.

10. An apparatus as claimed in claim 7, wherein the multimedia player comprises a number of functions, and that the mobile station is arranged to control said functions over a short-range radio connection.

11. An apparatus as claimed in claim 1, wherein the mobile station

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is one of the following: a mobile telephone, a mobile station of a cellular network.

12. An apparatus as claimed in claim 1, wherein said short-range radio connection is a Bluetooth connection.

5 13. A headset comprising means for transferring an audio signal of a call between the headset and a particular mobile station wherein the headset comprises:

a short-range radio transceiver for wireless transfer of files between said mobile station and the headset, and

10 a memory means for storing the files.

14. A headset as claimed in claim 13, wherein the headset comprises two earpieces interconnected with a headband.

15 15. A headset as claimed in claim 14, wherein said headband comprises an electronics module comprising said memory means and short-range radio transceiver.

16. A headset as claimed in claim 15, wherein said electronics module further comprises a multimedia player.

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